

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Petrovic, Branislav  
Serial No.: 09/408,826  
Filed: March 16, 1998

Examiner: Bettendorf, Justin P.  
Art Unit: 2839  
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For: **NARROW BAND-PASS TUNED RESONATOR FILTER TOPOLOGIES  
HAVING HIGH SELECTIVITY, LOW INSERTION LOSS AND IMPROVED  
OUT-OF-BAND REJECTION OVER EXTENDED FREQUENCY RANGES**

**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

This Preliminary Amendment is filed as a follow up to the response to the Office Action mailed April 26, 2001. Please amend the application filed herewith as follows:

**In the Drawings**

Applicant requests that that Figure 33(d) be corrected in accordance with the marked up version and clean version of the drawings as attached hereto. No new matter is added by the corrections. Those of skill in the art will recognize that the equation  $i_1' + i_2' = 0$  is not correct and does not flow from the progression of drawings 33a-c. The equation for the current  $i_{out}$  that flows from the secondary resonator is clearly  $(i_1' - i_2'') + (i_2' - i_1'') \cong 0$ . Because  $i_1 = i_2$ , then  $i_1' = i_2' = i'$  and  $i_1'' = i_2'' = i''$ . It then follows that  $i_{out} = 2(i' - i'') \cong 0$ .